

Lars Bäckman

List of Publications by Year in descending order

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Version: 2024-02-01

290
papers

26,739
citations

8159

76
h-index

7718

150
g-index

294
all docs

294
docs citations

294
times ranked

21155
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A 2 year multidomain intervention of diet, exercise, cognitive training, and vascular risk monitoring versus control to prevent cognitive decline in at-risk elderly people (FINGER): a randomised controlled trial. <i>Lancet, The</i> , 2015, 385, 2255-2263. | 6.3 | 2,307 |
| 2 | Memory aging and brain maintenance. <i>Trends in Cognitive Sciences</i> , 2012, 16, 292-305. | 4.0 | 916 |
| 3 | Transfer of Learning After Updating Training Mediated by the Striatum. <i>Science</i> , 2008, 320, 1510-1512. | 6.0 | 752 |
| 4 | Stability, Growth, and Decline in Adult Life Span Development of Declarative Memory: Cross-Sectional and Longitudinal Data From a Population-Based Study.. <i>Psychology and Aging</i> , 2005, 20, 3-18. | 1.4 | 657 |
| 5 | The correlative triad among aging, dopamine, and cognition: Current status and future prospects. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 791-807. | 2.9 | 648 |
| 6 | A theoretical framework for the study of adult cognitive plasticity.. <i>Psychological Bulletin</i> , 2010, 136, 659-676. | 5.5 | 593 |
| 7 | Cognitive impairment in preclinical Alzheimer's disease: A meta-analysis.. <i>Neuropsychology</i> , 2005, 19, 520-531. | 1.0 | 592 |
| 8 | Intra-individual variability in behavior: links to brain structure, neurotransmission and neuronal activity. <i>Trends in Neurosciences</i> , 2006, 29, 474-480. | 4.2 | 558 |
| 9 | The betula prospective cohort study: Memory, health, and aging. <i>Aging, Neuropsychology, and Cognition</i> , 1997, 4, 1-32. | 0.7 | 466 |
| 10 | Gender differences in episodic memory. <i>Memory and Cognition</i> , 1997, 25, 801-811. | 0.9 | 460 |
| 11 | Intracerebroventricular Infusion of Nerve Growth Factor in Three Patients with Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1998, 9, 246-257. | 0.7 | 419 |
| 12 | Apolipoprotein E and Cognitive Performance: A Meta-Analysis.. <i>Psychology and Aging</i> , 2004, 19, 592-600. | 1.4 | 386 |
| 13 | The Finnish Geriatric Intervention Study to Prevent Cognitive Impairment and Disability (FINGER): Study design and progress. <i>Alzheimer's and Dementia</i> , 2013, 9, 657-665. | 0.4 | 385 |
| 14 | Age-Related Cognitive Deficits Mediated by Changes in the Striatal Dopamine System. <i>American Journal of Psychiatry</i> , 2000, 157, 635-637. | 4.0 | 383 |
| 15 | Stability of the preclinical episodic memory deficit in Alzheimer's disease. <i>Brain</i> , 2001, 124, 96-102. | 3.7 | 362 |
| 16 | Plasticity of executive functioning in young and older adults: Immediate training gains, transfer, and long-term maintenance.. <i>Psychology and Aging</i> , 2008, 23, 720-730. | 1.4 | 356 |
| 17 | Psychological compensation: A theoretical framework.. <i>Psychological Bulletin</i> , 1992, 112, 259-283. | 5.5 | 343 |
| 18 | Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 670-677. | 2.9 | 339 |

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|----|--|-----|-----------|
| 19 | Working-memory training in younger and older adults: training gains, transfer, and maintenance. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 63. | 1.0 | 336 |
| 20 | The Course of Cognitive Impairment in Preclinical Alzheimer Disease. <i>Archives of Neurology</i> , 2000, 57, 839. | 4.9 | 312 |
| 21 | Structural brain plasticity in adult learning and development. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2296-2310. | 2.9 | 302 |
| 22 | Neural underpinnings of within-person variability in cognitive functioning.. <i>Psychology and Aging</i> , 2009, 24, 792-808. | 1.4 | 296 |
| 23 | Human aging magnifies genetic effects on executive functioning and working memory. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 1. | 1.0 | 292 |
| 24 | Relationships of peripheral IGF-1, VEGF and BDNF levels to exercise-related changes in memory, hippocampal perfusion and volumes in older adults. <i>NeuroImage</i> , 2016, 131, 142-154. | 2.1 | 236 |
| 25 | Multidomain lifestyle intervention benefits a large elderly population at risk for cognitive decline and dementia regardless of baseline characteristics: The FINGER trial. <i>Alzheimer's and Dementia</i> , 2018, 14, 263-270. | 0.4 | 236 |
| 26 | Neural correlates of training-related memory improvement in adulthood and aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13728-13733. | 3.3 | 233 |
| 27 | Differential Evolution of Cognitive Impairment in Nondemented Older Persons: Results From the Kungsholmen Project. <i>American Journal of Psychiatry</i> , 2002, 159, 436-442. | 4.0 | 232 |
| 28 | Betula: A Prospective Cohort Study on Memory, Health and Aging. <i>Aging, Neuropsychology, and Cognition</i> , 2004, 11, 134-148. | 0.7 | 225 |
| 29 | The Influence of Education on Clinically Diagnosed Dementia Incidence and Mortality Data From the Kungsholmen Project. <i>Archives of Neurology</i> , 2001, 58, 2034. | 4.9 | 210 |
| 30 | Brain Activation in Young and Older Adults During Implicit and Explicit Retrieval. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 378-391. | 1.1 | 207 |
| 31 | Age-related decline in brain resources magnifies genetic effects on cognitive functioning. <i>Frontiers in Neuroscience</i> , 2008, 2, 234-244. | 1.4 | 203 |
| 32 | Selective adult age differences in an age-invariant multifactor model of declarative memory.. <i>Psychology and Aging</i> , 2003, 18, 149-160. | 1.4 | 200 |
| 33 | The role of the striatal dopamine transporter in cognitive aging. <i>Psychiatry Research - Neuroimaging</i> , 2005, 138, 1-12. | 0.9 | 200 |
| 34 | Accelerated Progression From Mild Cognitive Impairment to Dementia in People With Diabetes. <i>Diabetes</i> , 2010, 59, 2928-2935. | 0.3 | 196 |
| 35 | Mild Cognitive Impairment in the General Population: Occurrence and Progression to Alzheimer Disease. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 603-611. | 0.6 | 194 |
| 36 | Effects of Working-Memory Training on Striatal Dopamine Release. <i>Science</i> , 2011, 333, 718-718. | 6.0 | 191 |

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|----|--|-----|-----------|
| 37 | Performance level modulates adult age differences in brain activation during spatial working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22552-22557. | 3.3 | 182 |
| 38 | Neural correlates of training-related working-memory gains in old age. <i>NeuroImage</i> , 2011, 58, 1110-1120. | 2.1 | 182 |
| 39 | Spatial navigation training protects the hippocampus against age-related changes during early and late adulthood. <i>Neurobiology of Aging</i> , 2012, 33, 620.e9-620.e22. | 1.5 | 169 |
| 40 | Detection of Alzheimer's disease and dementia in the preclinical phase: population based cohort study. <i>BMJ: British Medical Journal</i> , 2003, 326, 245-245. | 2.4 | 150 |
| 41 | Cognitive predictors of incident Alzheimer's disease: A prospective longitudinal study.. <i>Neuropsychology</i> , 1997, 11, 413-420. | 1.0 | 149 |
| 42 | Intracranial infusion of purified nerve growth factor to an Alzheimer patient: The first attempt of a possible future treatment strategy. <i>Behavioural Brain Research</i> , 1993, 57, 255-261. | 1.2 | 145 |
| 43 | Recognition memory across the adult life span: The role of prior knowledge. <i>Memory and Cognition</i> , 1991, 19, 63-71. | 0.9 | 144 |
| 44 | Memory training and memory improvement in Alzheimer's disease: rules and exceptions. <i>Acta Neurologica Scandinavica</i> , 1992, 85, 84-89. | 1.0 | 144 |
| 45 | Comparing manual and automatic segmentation of hippocampal volumes: Reliability and validity issues in younger and older brains. <i>Human Brain Mapping</i> , 2014, 35, 4236-4248. | 1.9 | 142 |
| 46 | Prerequisites for lack of age differences in memory performance. <i>Experimental Aging Research</i> , 1985, 11, 67-73. | 0.6 | 138 |
| 47 | Memory improvement at different stages of Alzheimer's disease. <i>Neuropsychologia</i> , 1989, 27, 737-742. | 0.7 | 137 |
| 48 | Load Modulation of BOLD Response and Connectivity Predicts Working Memory Performance in Younger and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2030-2045. | 1.1 | 137 |
| 49 | Effect of the Apolipoprotein E Genotype on Cognitive Change During a Multidomain Lifestyle Intervention. <i>JAMA Neurology</i> , 2018, 75, 462. | 4.5 | 136 |
| 50 | Dopamine D2 receptor availability is linked to hippocampalâ€œcaudate functional connectivity and episodic memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7918-7923. | 3.3 | 135 |
| 51 | Reduced functional brain activity response in cognitively intact apolipoprotein E Î¼4 carriers. <i>Brain</i> , 2006, 129, 1240-1248. | 3.7 | 133 |
| 52 | New evidence on the nature of the encoding of action events. <i>Memory and Cognition</i> , 1986, 14, 339-346. | 0.9 | 128 |
| 53 | Patterns of prospective and retrospective memory impairment in preclinical Alzheimer's disease.. <i>Neuropsychology</i> , 2006, 20, 144-152. | 1.0 | 121 |
| 54 | Cognitive and neural plasticity in aging: General and task-specific limitations. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 864-871. | 2.9 | 120 |

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|----|---|-----|-----------|
| 55 | The influence of apoe status on episodic and semantic memory: Data from a population-based study.. <i>Neuropsychology</i> , 2006, 20, 645-657. | 1.0 | 112 |
| 56 | Reduced hippocampal volume in non-demented carriers of the apolipoprotein E ϵ 4: Relation to chronological age and recognition memory. <i>Neuroscience Letters</i> , 2006, 396, 23-27. | 1.0 | 112 |
| 57 | Activation in striatum and medial temporal lobe during sequence learning in younger and older adults: Relations to performance. <i>NeuroImage</i> , 2010, 50, 1303-1312. | 2.1 | 111 |
| 58 | Genetic effects on old-age cognitive functioning: A population-based study.. <i>Psychology and Aging</i> , 2013, 28, 262-274. | 1.4 | 111 |
| 59 | Differential sex effects in olfactory functioning: The role of verbal processing. <i>Journal of the International Neuropsychological Society</i> , 2002, 8, 691-698. | 1.2 | 110 |
| 60 | Cortical thickness is linked to executive functioning in adulthood and aging. <i>Human Brain Mapping</i> , 2012, 33, 1607-1620. | 1.9 | 110 |
| 61 | Episodic memory functioning in a community-based sample of old adults with major depression: Utilization of cognitive support.. <i>Journal of Abnormal Psychology</i> , 1994, 103, 361-370. | 2.0 | 109 |
| 62 | Age-differential patterns of brain activation during perception of angry faces. <i>Neuroscience Letters</i> , 2005, 386, 99-104. | 1.0 | 109 |
| 63 | Effects of vascular risk factors and ϵ 4 on white matter integrity and cognitive decline. <i>Neurology</i> , 2015, 84, 1128-1135. | 1.5 | 105 |
| 64 | Characteristics of Self-Reported Memory Compensation in Older Adults. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001, 23, 650-661. | 0.8 | 103 |
| 65 | Dopamine D1 receptors and age differences in brain activation during working memory. <i>Neurobiology of Aging</i> , 2011, 32, 1849-1856. | 1.5 | 103 |
| 66 | Supporting everyday activities in dementia: An intervention study. <i>International Journal of Geriatric Psychiatry</i> , 1993, 8, 395-400. | 1.3 | 100 |
| 67 | Selective sex differences in declarative memory. <i>Memory and Cognition</i> , 2004, 32, 1160-1169. | 0.9 | 98 |
| 68 | Ageing-Related Increases in Behavioral Variability: Relations to Losses of Dopamine D1 Receptors. <i>Journal of Neuroscience</i> , 2012, 32, 8186-8191. | 1.7 | 96 |
| 69 | Extrastriatal dopamine D2 receptor binding modulates intraindividual variability in episodic recognition and executive functioning. <i>Neuropsychologia</i> , 2009, 47, 2299-2304. | 0.7 | 94 |
| 70 | Dopaminergic modulation of cognition across the life span. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 625-630. | 2.9 | 94 |
| 71 | Amphetamine modulates brain signal variability and working memory in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7593-7598. | 3.3 | 94 |
| 72 | BOLD Variability is Related to Dopaminergic Neurotransmission and Cognitive Aging. <i>Cerebral Cortex</i> , 2016, 26, 2074-2083. | 1.6 | 93 |

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|----|--|-----|-----------|
| 73 | Death and Cognition. <i>European Psychologist</i> , 2006, 11, 224-235. | 1.8 | 92 |
| 74 | Neural correlates of variable working memory load across adult age and skill: Dissociative patterns within the fronto-parietal network. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 41-46. | 0.8 | 90 |
| 75 | Episodic memory change in late adulthood: Generalizability across samples and performance indices. <i>Memory and Cognition</i> , 2004, 32, 768-778. | 0.9 | 89 |
| 76 | Three-year changes in cognitive performance as a function of apolipoprotein E genotype: Evidence from very old adults without dementia.. <i>Psychology and Aging</i> , 1998, 13, 80-87. | 1.4 | 87 |
| 77 | Varieties of memory compensation by older adults in episodic remembering. , 1989, , 509-544. | | 82 |
| 78 | Dopamine and cognitive functioning: Brain imaging findings in Huntington's disease and normal aging. <i>Scandinavian Journal of Psychology</i> , 2001, 42, 287-296. | 0.8 | 82 |
| 79 | Cognitive deficits in preclinical Alzheimer's disease. <i>Acta Neurologica Scandinavica</i> , 2003, 107, 29-33. | 1.0 | 79 |
| 80 | Longitudinal Trajectories of Cognitive Change in Preclinical Alzheimer's Disease: A Growth Mixture Modeling Analysis. <i>Cortex</i> , 2007, 43, 826-834. | 1.1 | 79 |
| 81 | Differential Verbal Fluency Deficits in the Preclinical Stages of Alzheimer's Disease and Vascular Dementia. <i>Cortex</i> , 2006, 42, 347-355. | 1.1 | 78 |
| 82 | Cortical thickness changes following spatial navigation training in adulthood and aging. <i>NeuroImage</i> , 2012, 59, 3389-3397. | 2.1 | 77 |
| 83 | Dopamine and training-related working-memory improvement. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2209-2219. | 2.9 | 76 |
| 84 | Age-related differences in brain regions supporting successful encoding of emotional faces. <i>Cortex</i> , 2010, 46, 490-497. | 1.1 | 74 |
| 85 | Prevalence and Correlates of Olfactory Dysfunction in Old Age: A Population-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1072-1079. | 1.7 | 74 |
| 86 | Effectiveness of self-generated cues in early Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1994, 16, 809-819. | 0.8 | 73 |
| 87 | Further evidence on the effects of vitamin B12 and folate levels on episodic memory functioning: a population-based study of healthy very old adults. <i>Biological Psychiatry</i> , 1999, 45, 1472-1480. | 0.7 | 73 |
| 88 | Working memory plasticity modulated by dopamine transporter genotype. <i>Neuroscience Letters</i> , 2009, 467, 117-120. | 1.0 | 72 |
| 89 | Long-Term Test-Retest Reliability of Striatal and Extrastriatal Dopamine D _{2/3} Receptor Binding: Study with [¹¹ C]Raclopride and High-Resolution PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1199-1205. | 2.4 | 72 |
| 90 | The generalizability of training gains in dementia: Effects of an imagery-based mnemonic on face-name retention duration.. <i>Psychology and Aging</i> , 1991, 6, 489-492. | 1.4 | 70 |

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|-----|---|-----|-----------|
| 91 | Caudate Dopamine D1 Receptor Density Is Associated with Individual Differences in Frontoparietal Connectivity during Working Memory. <i>Journal of Neuroscience</i> , 2011, 31, 14284-14290. | 1.7 | 70 |
| 92 | Use of Memory Compensation Strategies Is Related to Psychosocial and Health Indicators. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2003, 58, P12-P22. | 2.4 | 69 |
| 93 | KIBRA and CLSTN2 polymorphisms exert interactive effects on human episodic memory. <i>Neuropsychologia</i> , 2010, 48, 402-408. | 0.7 | 68 |
| 94 | Implicit Learning in Aging: Extant Patterns and New Directions. <i>Neuropsychology Review</i> , 2009, 19, 490-503. | 2.5 | 66 |
| 95 | Cognitive correlates of mortality: Evidence from a population-based sample of very old adults.. <i>Psychology and Aging</i> , 1997, 12, 309-313. | 1.4 | 65 |
| 96 | Influences of cognitive support on episodic remembering: Tracing the process of loss from normal aging to Alzheimer's disease.. <i>Psychology and Aging</i> , 1998, 13, 267-276. | 1.4 | 65 |
| 97 | Associations between dopamine D2-receptor binding and cognitive performance indicate functional compartmentalization of the human striatum. <i>NeuroImage</i> , 2008, 40, 1287-1295. | 2.1 | 65 |
| 98 | Training of the executive component of working memory: Subcortical areas mediate transfer effects. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 405-419. | 0.4 | 65 |
| 99 | The optimization of episodic remembering in old age. , 1990, , 118-163. | | 64 |
| 100 | A Scaffold for Efficiency in the Human Brain. <i>Journal of Neuroscience</i> , 2013, 33, 17150-17159. | 1.7 | 64 |
| 101 | Changes in perceptual speed and white matter microstructure in the corticospinal tract are associated in very old age. <i>NeuroImage</i> , 2014, 102, 520-530. | 2.1 | 62 |
| 102 | Time to Death and Cognitive Performance. <i>Current Directions in Psychological Science</i> , 1999, 8, 168-172. | 2.8 | 61 |
| 103 | Simulating Neurocognitive Aging: Effects of a Dopaminergic Antagonist on Brain Activity During Working Memory. <i>Biological Psychiatry</i> , 2010, 67, 575-580. | 0.7 | 61 |
| 104 | Monitoring of general knowledge: Evidence for preservation in early Alzheimer's disease. <i>Neuropsychologia</i> , 1993, 31, 335-345. | 0.7 | 59 |
| 105 | Cue utilization following different forms of encoding in mildly, moderately, and severely demented patients with Alzheimer's disease. <i>Brain and Cognition</i> , 1991, 15, 119-130. | 0.8 | 58 |
| 106 | Aging-related magnification of genetic effects on cognitive and brain integrity. <i>Trends in Cognitive Sciences</i> , 2015, 19, 506-514. | 4.0 | 58 |
| 107 | Terminal decline and cognitive performance in very old age: Does cause of death matter?. <i>Psychology and Aging</i> , 2003, 18, 193-202. | 1.4 | 57 |
| 108 | Semantic activation and episodic odor recognition in young and older adults.. <i>Psychology and Aging</i> , 1993, 8, 582-588. | 1.4 | 56 |

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|-----|--|-----|-----------|
| 109 | Increased Response-time Variability is Associated with Reduced Inferior Parietal Activation during Episodic Recognition in Aging. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 779-786. | 1.1 | 55 |
| 110 | Ebbinghaus Revisited: Influences of the BDNF Val66Met Polymorphism on Backward Serial Recall Are Modulated by Human Aging. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2164-2173. | 1.1 | 55 |
| 111 | Dopamine D1 Receptor Associations within and between Dopaminergic Pathways in Younger and Elderly Adults: Links to Cognitive Performance. <i>Cerebral Cortex</i> , 2011, 21, 2023-2032. | 1.6 | 55 |
| 112 | Determinants of Functional Abilities in Dementia. <i>Journal of the American Geriatrics Society</i> , 1995, 43, 1092-1097. | 1.3 | 53 |
| 113 | Gastric emptying of solids in humans: improved evaluation by Kaplan-Meier plots, with special reference to obesity and gender. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 1562-1567. | 2.2 | 53 |
| 114 | The Extent of Stability and Change in Episodic and Semantic Memory in Old Age: Demographic Predictors of Level and Change. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2004, 59, P130-P134. | 2.4 | 53 |
| 115 | Aging magnifies the effects of dopamine transporter and D2 receptor genes on backward serial memory. <i>Neurobiology of Aging</i> , 2013, 34, 358.e1-358.e10. | 1.5 | 53 |
| 116 | Age-Related Differences in Dynamic Interactions Among Default Mode, Frontoparietal Control, and Dorsal Attention Networks during Resting-State and Interference Resolution. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 152. | 1.7 | 53 |
| 117 | Semantic Memory Functioning Across the Adult Life Span. <i>European Psychologist</i> , 1996, 1, 27-33. | 1.8 | 53 |
| 118 | Priming and cued recall in elderly, alcohol intoxicated and sleep deprived subjects: a case of functionally similar memory deficits. <i>Psychological Medicine</i> , 1989, 19, 423-433. | 2.7 | 52 |
| 119 | MAINTENANCE OF GAINS FOLLOWING MULTIFACTORIAL AND UNIFACTORIAL MEMORY TRAINING IN LATE ADULTHOOD. <i>Educational Gerontology</i> , 1993, 19, 105-117. | 0.7 | 52 |
| 120 | Free Recall and Recognition of Slowly and Rapidly Presented Words in Very Old Age: A Community-Based Study. <i>Experimental Aging Research</i> , 1995, 21, 251-271. | 0.6 | 52 |
| 121 | The influence of depressive symptomatology on episodic memory functioning among clinically nondepressed older adults.. <i>Journal of Abnormal Psychology</i> , 1996, 105, 97-105. | 2.0 | 52 |
| 122 | Influence of COMT Gene Polymorphism on fMRI-assessed Sustained and Transient Activity during a Working Memory Task. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1614-1622. | 1.1 | 52 |
| 123 | The benefits of staying active in old age: Physical activity counteracts the negative influence of PICALM, BIN1, and CLU risk alleles on episodic memory functioning.. <i>Psychology and Aging</i> , 2014, 29, 440-449. | 1.4 | 52 |
| 124 | Three-year changes in leisure activities are associated with concurrent changes in white matter microstructure and perceptual speed in individuals aged 80 years and older. <i>Neurobiology of Aging</i> , 2016, 41, 173-186. | 1.5 | 52 |
| 125 | Computer-based cognitive training for older adults: Determinants of adherence. <i>PLoS ONE</i> , 2019, 14, e0219541. | 1.1 | 52 |
| 126 | Remembering Numbers in Old Age: Mnemonic Training Versus Self-Generated Strategy Training. <i>Aging, Neuropsychology, and Cognition</i> , 2003, 10, 202-214. | 0.7 | 51 |

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|-----|--|-----|-----------|
| 127 | Sex-differential brain activation during exposure to female and male faces. <i>NeuroReport</i> , 2004, 15, 235-238. | 0.6 | 49 |
| 128 | Delineating brain-behavior mappings across the lifespan: Substantive and methodological advances in developmental neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 713-717. | 2.9 | 49 |
| 129 | Early Cognitive Deficits in Type 2 Diabetes: A Population-Based Study. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1069-1078. | 1.2 | 49 |
| 130 | Physical activity and inflammation: effects on gray matter volume and cognitive decline in aging. <i>Human Brain Mapping</i> , 2016, 37, 3462-3473. | 1.9 | 48 |
| 131 | Functional Changes in Brain Activity During Priming in Alzheimer's Disease. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 134-141. | 1.1 | 47 |
| 132 | Rate of Cognitive Decline in Preclinical Alzheimer's Disease: The Role of Comorbidity. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2003, 58, P228-P236. | 2.4 | 46 |
| 133 | The relation between level of general knowledge and feeling of knowing: An adult age study. <i>Scandinavian Journal of Psychology</i> , 1985, 26, 249-258. | 0.8 | 45 |
| 134 | Effects of division of attention during encoding and retrieval on age differences in episodic memory. <i>Experimental Aging Research</i> , 1997, 23, 137-143. | 0.6 | 45 |
| 135 | Longitudinal Models of Growth and Survival Applied to the Early Detection of Alzheimer's Disease. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2005, 18, 234-241. | 1.2 | 45 |
| 136 | Tooth loss is associated with accelerated cognitive decline and volumetric brain differences: a population-based study. <i>Neurobiology of Aging</i> , 2018, 67, 23-30. | 1.5 | 45 |
| 137 | Cognitive Functioning in Aging and Dementia: The Kungsholmen Project. <i>Aging, Neuropsychology, and Cognition</i> , 2004, 11, 212-244. | 0.7 | 44 |
| 138 | Mixed brain lesions mediate the association between cardiovascular risk burden and cognitive decline in old age: A population-based study. <i>Alzheimer's and Dementia</i> , 2017, 13, 247-256. | 0.4 | 42 |
| 139 | Cognitive Support at Episodic Encoding and Retrieval: Similar Patterns of Utilization in Community-Based Samples of Alzheimer's Disease and Vascular Dementia Patients. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1999, 21, 816-830. | 0.8 | 41 |
| 140 | Preliminary evidence that allelic variation in the LMX1A gene influences training-related working memory improvement. <i>Neuropsychologia</i> , 2011, 49, 1938-1942. | 0.7 | 41 |
| 141 | Onset and Rate of Cognitive Change Before Dementia Diagnosis: Findings From Two Swedish Population-Based Longitudinal Studies. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 154-162. | 1.2 | 40 |
| 142 | Reference values for serum levels of vitamin B12 and folic acid in a population-based sample of adults between 35 and 80 years of age. <i>Public Health Nutrition</i> , 2002, 5, 505-511. | 1.1 | 39 |
| 143 | Memory and Cognition in Preclinical Dementia: What We Know and What We Do Not Know. <i>Canadian Journal of Psychiatry</i> , 2008, 53, 354-360. | 0.9 | 39 |
| 144 | Encoding-Retrieval Interactions in Mild Alzheimer's Disease: The Role of Access to Categorical Information. <i>Brain and Cognition</i> , 1997, 34, 274-286. | 0.8 | 38 |

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|-----|--|-----|-----------|
| 145 | Cognitive deficits in preclinical Alzheimer's disease and vascular dementia: Patterns of findings from the Kungsholmen Project. <i>Physiology and Behavior</i> , 2007, 92, 80-86. | 1.0 | 38 |
| 146 | Striatal dopamine D2 binding is related to frontal BOLD response during updating of long-term memory representations. <i>NeuroImage</i> , 2009, 46, 1194-1199. | 2.1 | 38 |
| 147 | Rate of acquisition, adult age, and basic cognitive abilities predict forgetting: New views on a classic problem.. <i>Journal of Experimental Psychology: General</i> , 2006, 135, 368-390. | 1.5 | 37 |
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